

IN THE ABSTRACT OF THE DISCLOSURE:

A liquid medicine infusion apparatus including the following ~~means~~ elements (a) to (e):

- (a) liquid medicine pressurizing/supplying ~~means~~ element;
- (b) a secondary pressurizing ~~means~~ element which is connected in liquid communication with the liquid medicine pressurizing/supplying ~~means~~ element by an upstream passage;
- (c) upstream opening/closing ~~means~~ element arranged in the upstream passage, for opening and closing the liquid communication state between the liquid medicine pressurizing/supplying ~~means~~ element and the secondary pressurizing ~~means~~ element;
- (d) downstream opening/closing ~~means~~ element arranged in a downstream passage provided downstream of the secondary pressurizing ~~means~~ element; and
- (e) control ~~means~~ element for controlling the opening/closing timings of the upstream opening/closing ~~means~~ element and the downstream opening/closing ~~means~~ element.